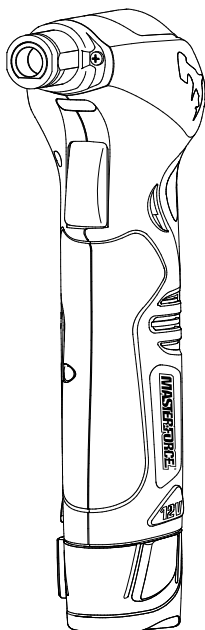




HAMMERHEAD

12.0 Volt Lithium Ion Auto-Hammer



**CHARGE BATTERY
BEFORE FIRST USE**

241-0306

OPERATOR'S MANUAL

CAUTION: To Reduce The Risk Of Injury, User Must Read And Understand Operator's Manual. Save These Instructions For Future Reference.

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INTRODUCTION




SAVE THESE INSTRUCTIONS!

This auto hammer has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

SAFETY SYMBOLS FOR YOUR TOOL

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as “DANGER,” “WARNING,” and “CAUTION” before using this auto hammer . Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

Symbol	Signal	Meaning
	DANGER!	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING!	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION!	Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.
	NOTE:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

⚠ WARNING: To ensure safety and reliability, all repairs should be performed by a qualified service technician.




⚠ WARNING: The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1

SAVE THESE INSTRUCTIONS


Some of these following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

The label on your tool may include the following symbols.

- V.....Volts
- A.....Amps
- Hz.....Hertz
- W.....Watts
- min.....Minutes
- ~.....Alternating Current
-Direct Current
- n_0No-load Speed
- .....Class II construction
- .../min.....Revolutions or Strokes per minute

RULES FOR SAFE OPERATION

GENERAL SAFETY RULES

 **WARNING:** Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury.

Save all warnings and instructions for future reference.

The term power tool in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- ✓ **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- ✓ **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- ✓ **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- ✓ **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- ✓ **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- ✓ **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- ✓ **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- ✓ **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- ✓ **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

3) Personal safety

- ✓ **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- ✓ **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection, used for appropriate conditions, will reduce personal injuries.
- ✓ **Prevent unintentional starting. Ensure that the switch is in the off-position before connecting to power source and / or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- ✓ **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- ✓ **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- ✓ **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- ✓ **If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.** Use of these devices can reduce dust-related hazards.

4) Power tool use and care

- ✓ **Do not force the power tool. Use the correct power tool for your application.**

The correct power tool will do the job better and more safely at the rate for which it was designed.

- ✓ **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

- ✓ **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

- ✓ **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

- ✓ **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

- ✓ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

- ✓ **Use the power tool, accessories, tool bits etc., in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Battery tool use and care

- ✓ **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- ✓ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

- ✓ **When the battery pack is not in use, keep it away from other metal objects, such as paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

- ✓ **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, flush with water and then seek medical help.** Liquid ejected from the battery may cause irritation or burns.

6) Service

- ✓ **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SPECIFIC SAFETY RULES FOR AUTO HAMMER

- ✓ **Use only with the battery and charger listed.**

Battery pack	Charger
252-8016	252-8020

- ✓ **Hold power tools by their insulated gripping surfaces when performing an operation where the tool may contact hidden wiring or its own cord.** Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.
- ✓ **Do not insert or try to insert your finger into the hammer clamp at any time.** Doing so could result in serious personal injury.
- ✓ **Do not stare directly into the LED worklight.** Never project the worklight into someone else's eyes.
- ✓ **Do not leave your hand on the nail while hammering.** Use your hand only to start the nail on the workpiece at the beginning of hammering.
- ✓ **This hammer is recommended for use for nails with a diameter of less than 7/16" (11 mm) and a length of less than 3-1/2" (8.9 cm).**

- ✓ **Use clamps or another practical way to support and secure the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable, and may lead to loss of control.
- ✓ **Know your power tool. Read the Owner's Manual carefully. Learn the applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire or serious injury.
- ✓ **Always wear safety glasses with side shields. Everyday glasses only have impact-resistant lenses. They are NOT safety glasses.** Following this rule will reduce the risk of eye injury.
- ✓ **Protect your lungs. Wear a face or dust mask if the operation is dusty.** Following this rule will reduce the risk of serious personal injury.
- ✓ **Protect your hearing. Wear hearing protection during extended periods of operation.** Following this rule will reduce the risk of serious personal injury.
- ✓ **Battery-operated tools do not have to be plugged into an electrical outlet. Therefore, they are always in operating condition. Be aware of possible hazards when not using your battery-operated tool or when changing accessories.** Following this rule will reduce the risk of electric shock, fire or serious personal injury.
- ✓ **Do not place battery-operated tools or their batteries near fire or heat.** This will reduce the risk of explosion and possibly injury.
- ✓ **Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or that has received a sharp blow.** A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- ✓ **Batteries vent hydrogen gas, and can explode in the presence of a source of ignition, such as a pilot light.** To reduce the risk of serious personal injury, never use any cordless product in the presence of an open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- ✓ **Do not charge a battery-operated tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.
- ✓ **For best results, your battery-operated tool should be charged in a location where the temperature is higher than 50°F(10°C) but lower than 104°F(40°C). Do not store outside or in a vehicle.**
- ✓ **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes into contact with your skin, wash immediately with soap and water, then neutralize using lemon juice or vinegar. If liquid gets in your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.
- ✓ **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone, also lend these instructions to them.
- ✓ **If the power supply cord is damaged, it must be replaced by the manufacturer or by an authorized service center to avoid risk.**

SAFETY RULES FOR CHARGER

- ⚠ WARNING:** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.
- ✓ **Before using the battery charger, read all instructions and cautionary markings in this manual and on the battery charger, the battery, and the product using the battery to prevent misuse of the products and possible injury or damage.**
- ⚠ CAUTION:** To reduce the risk of electric shock or damage to the charger and battery, charge only these rechargeable batteries specifically designated on your charger's label. Other types of batteries may burst, causing personal injury or damage.
- ✓ **Do not use the charger outdoors or expose it to wet or damp conditions.** Water entering the charger will increase the risk of electric shock.

- ✓ **Use of an attachment not recommended or sold by the battery-charger manufacturer may result in a risk of fire, electric shock or injury to persons.**
- ✓ **Do not abuse the cord or charger. Never use the cord to carry the charger. Do not pull the charger cord to disconnect the plug from receptacle.** Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.
- ✓ **Make sure that the cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts, or be otherwise subjected to damage or stress.** This will reduce the risk of accidental falls, which could cause injury and damage to the cord, which could then result in electric shock.
- ✓ **Keep the cord and charger from heat to prevent damage to the housing or internal parts.**
- ✓ **Do not allow gasoline, oils, petroleum-based products, etc. to come in contact with plastic parts.** These materials contain chemicals that can damage, weaken, or destroy plastic.
- ✓ **An extension cord should not be used unless absolutely necessary.** Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure that:
 - The pins on the plug of the extension cord are the same number, size and shape as those of the plug on charger
 - The cord is properly wired and in good electrical condition
 - The size is large enough for the AC ampere rating of the charger as specified below:

The Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

NOTE: AWG = American Wire Gauge

- ✓ **Do not operate the charger with a damaged cord or plug, which could cause shorting and electric shock.** If damaged, have the charger repaired or replaced by an authorized service technician.

- ✓ **Do not operate the charger if it has received a sharp blow, been dropped, or has otherwise been damaged in any way.** Take it to an authorized service technician for an electrical check to determine if the charger is in good working order.
- ✓ **Do not disassemble the charger.** Take it to an authorized service technician when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- ✓ **Unplug the charger from the electrical outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.**
- ✓ **Disconnect charger from the power supply when not in use.** This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It will also help prevent damage to the charger during a power surge.
- ✓ **Risk of electric shock. Do not touch the uninsulated portion of output connector or uninsulated battery terminal.**
- ✓ **Save these instructions. Refer to them frequently and use them to instruct others who may use this tool.** If you lend this tool to someone else, also lend these instructions to them to prevent misuse of the product and possible injury.

DESCRIPTION

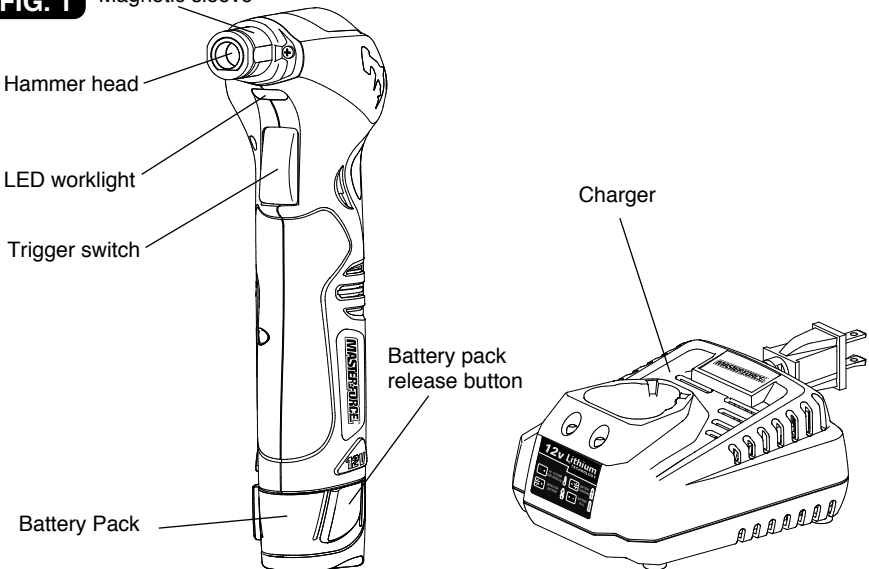
KNOW YOUR AUTO HAMMER (Fig.1)

Before attempting to use this auto hammer, familiarize yourself with all of its operating features and safety requirements.

⚠ WARNING: Do not allow familiarity with your auto hammer to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

⚠ WARNING: The safe use of this product requires an understanding of the information included on the tool and in this operator's manual, as well as knowledge of the project you are attempting. Before using this product, familiarize yourself with all operating features and safety rules.

FIG. 1 Magnetic sleeve



PRODUCT SPECIFICATION

Motor	12 Volt DC
Impact rate	3600 BPM
Max. Clamp capacity	7/16-in
Charging time	30 Min
Weight (Without battery)	1 lbs 6oz
Battery Type	Li-Ion
Battery Voltage	12 Volt DC
Charger Input	120-Volts, 60 Hz AC only
Optimum Charging Temperature	50°F (10°C) -104°F (40°C)

HAMMER HEAD

The hammer head impacts the nails automatically when the tool is turned on and the head is pressed against a nail head.

MAGNETIC SLEEVE

The magnetic sleeve holds the head of the inserted nail against the recessed hammer head as nail driving begins.

The sleeve retracts at the end of nail driving to allow the hammer head to drive the nail head flush to the workpiece.

LED WORKLIGHT

The LED worklight, located on the front of the auto hammer, illuminates when the trigger switch is depressed. This feature provides extra light for increased visibility.

ASSEMBLY

⚠ WARNING: If any part is broken or missing, **DO NOT** attempt install the battery or operate the auto hammer until the broken or missing part is replaced. Failure to do so could result in possible serious injury.

⚠ WARNING: Do not attempt to modify this auto hammer or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury.

⚠ WARNING: To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the auto hammer when assembling parts.

UNPACKING

This product has been shipped completely assembled.

- ✓ Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
- ✓ Inspect the tool carefully to make sure that no breakage or damage occurred during shipping.
- ✓ Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.

PACKING LIST

Auto hammer, 1pc battery pack, 1pc charger, soft bag and Operator's Manual

OPERATION

BATTERY PROTECTION

The circuitry protects the battery pack from extreme temperature, over discharge, and over-charge. To protect the battery from damage and prolong its life, the circuitry will turn off the battery pack if it becomes overloaded or if the temperature becomes too high during use. This may happen in extremely high torque, binding, and stalling situations. The battery pack will begin normal operation when it cools down.

NOTE: A significantly reduced run time after fully charging the battery pack indicates that the batteries are near the end of their usable life and must be replaced.

COLD WEATHER OPERATION

When the battery pack is very cold, it may “pulse” for the first minute of use to warm itself. Put the battery pack on a tool and use the tool in a light application. After about a minute, the battery pack will have warmed itself and will operate normally.

WHEN TO CHARGE THE BATTERY PACK

It is not necessary to run down the battery pack charge before recharging. The Lithium-Ion battery can be charged at any time and will not develop a “memory” when charged after only a partial discharge.

Remove the battery pack from the tool when convenient for you and your job. “Top off” the battery pack charge by charging it for a time before starting a big job or long period of use.

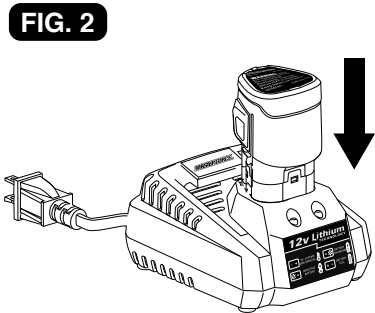
Due to Lithium-Ion fade-free properties, the only time it is necessary to charge the Lithium-Ion battery pack is when the pack has reached the end of its charge. To signal the end of charge, power to the tool will drop quickly. Charge the battery pack as needed.

HOW TO CHARGE THE BATTERY PACK

NOTE: This Lithium-Ion battery pack is shipped partially charged. Before using it the first time, fully charge the battery pack.

A fully discharged battery pack will charge in about 30 minutes in a surrounding temperature between 50°F (10°C) and 104°F (40°C).

- 1. Charge the Lithium-Ion battery pack with the correct charger.
- 2. Connect the charger to a power supply.
- 3. Align the raised ribs of the battery pack with the slot in the charger.
- 4. Insert the battery pack into the charger (Fig. 2).











- 5. The charger will communicate with the battery pack to evaluate the condition of the battery pack.
- 6. The green lights on the charger will flash while the battery pack is charging. After charging is complete, the green LED on the charger will remain on. The flickering red light indicates a defective battery or a bad connection between the battery and the charger.
- 7. The battery pack will fully charge if left on the charger, but it will not overcharge.

NOTE: For your convenience, the charger can operate with most generators and inverters rated at 300 watts or higher.

LED FUNCTIONS OF CHARGER (Fig. 3)

FIG. 3

LED INDICATOR	BATTERY PACK	RED LED	GREEN LED	ACTION
 HI / LO TEMP. 	Hot/cold battery	On	Off	Fast charge will begin when battery returns to 50°F (10°C) and 104°F (40°C).
 DEFECTIVE BATTERY 	Defective	Flashing	Off	Battery pack or charger is defective.
 BATTERY CHARGING 	Charging	Off	Flashing	Charging
 BATTERY FULL 	Fully charged	Off	On	Charging is complete.

CHARGING A HOT BATTERY PACK

If the battery pack is above the normal temperature range, the red LED will illuminate and the green LED will be off. When the battery pack cools down to approximately 104°F (40°C), the charger will automatically begin charging.

CHARGING A COLD BATTERY PACK

If the battery pack is below the normal temperature range, the red LED will illuminate and the green LED will be off. When the battery warms to a temperature of more than 50°F (10°C), the charger will automatically begin charging.

DEFECTIVE BATTERY

If the charger detects a problem, the red LED will begin flashing and the green LED will be off.

1. If registering as defective, remove and reinsert the battery pack in the charger. If the LED status reads “defective” a second time, try charging a different battery pack.
2. If a different battery pack charges normally, dispose of the defective battery pack (see Maintenance section).
3. If a different battery pack also indicates “defective,” the charger may be defective.

BATTERY CHARGING

If the battery pack is within normal temperature range, the green LED will begin flashing and the red LED will be off. The battery pack will reach a full charge in 30 minutes.

BATTERY FULL

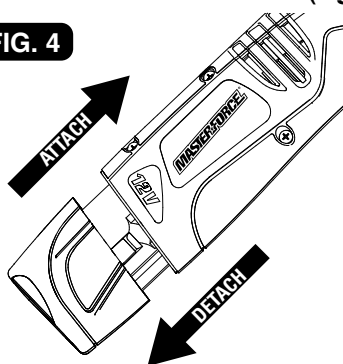
When fully charged, the green LED Light on the charger will be on and the red LED light will be off.

NOTE: The battery pack will fully charge, but will not overcharge, if left on the charger.

NOTE: The charger may warm with several continuous charge cycles. This is part of the normal operation of the charger. Charge in a well ventilated area.

TO ATTACH BATTERY PACK (Fig. 4)

FIG. 4



⚠ CAUTION: To avoid the possibility of accidental starting, always take care not to activate the trigger switch when you are attaching the battery pack or performing others adjustments to the tool.

1. Align the raised portion on the battery pack with the grooves on the bottom of the auto hammer, then attach the battery pack to the auto hammer as shown in Fig. 4.
2. Make sure that the latch on the battery pack snaps into place and the battery pack is secured to tool before beginning operation.

⚠ CAUTION: When placing the battery pack in the tool, be sure that the raised ribs on battery pack aligns with the groove on the auto hammer and the latches snap into place properly. Improper assembly of the battery pack can cause damage to internal components.

TO DETACH BATTERY PACK (Fig. 4)

1. Depress the battery release button located on the both sides of the battery pack to release battery pack.
2. Pull battery pack out and remove it from the tool.

TRIGGER SWITCH (Fig. 5)

FIG. 5



To turn the tool ON, press the trigger switch and keep it pressed.

To turn it OFF, release the trigger switch.

CAUTION: Do not let familiarity with your auto hammer make you careless. Remember that a fraction of a second of carelessness is sufficient to cause severe injury.

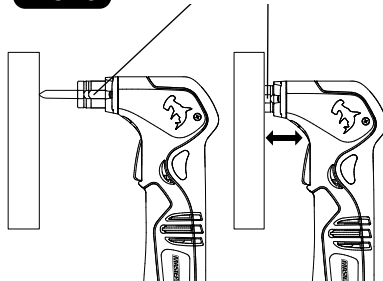
The LED worklight located on the base of the auto hammer comes on when the trigger switch is depressed. The LED worklight turns off when the trigger switch is released. This provides additional lighting on the surface of the workpiece for operation in lower-light areas.

HAMMER HEAD

The hammer head impacts the nails automatically when the tool is turned on and the hammer head is pressed against a nail.

MAGNETIC SLEEVE (Fig. 6)

FIG. 6 Magnetic sleeve



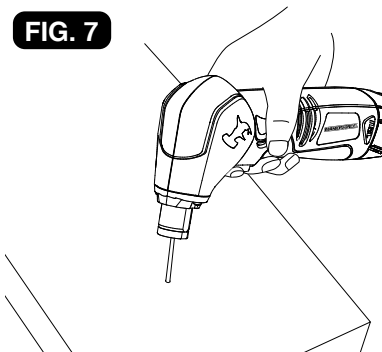
The magnetic sleeve holds the head of the inserted nail against the recessed hammer head for the beginning of nail driving. The sleeve retracts at the end of nail driving to allow the hammer head to drive the nail head flush to the workpiece.

ELECTRIC BRAKE

To stop the hammer head, release the trigger switch and allow the hammer head to come to a complete stop. The electric brake quickly stops the hammering action. This feature engages automatically when you release the trigger switch.

HAMMERING (Fig. 7)

FIG. 7



1. Attach the battery pack to the auto hammer.
2. Secure the material to be nailed with clamps to keep it from turning when hammering.
3. Holding the auto hammer firmly, place the hammer head against the nail. The magnetic sleeve will help to hold the nail in place.
4. Holding the shaft of the nail steady with your hand, press the trigger switch to drive the nail just far enough into the workpiece so that it stands on its own.
5. After the nail is secured in the workpiece, remove your hand from the nail.

WARNING: Failure to remove the hand from the nail could result in personal injury.

6. Place the magnetic sleeve over the nail. Depress the trigger switch to continue hammering until the nail is fully hammered into the workpiece.

WARNING: Do not force the hammer or apply sideways pressure. Hold the tool firmly. The tool will hammer the nail automatically.

Recommended Nailing Materials for the Auto Hammer

The Auto Hammer can be used for driving nails into all types of woods, wood-like materials, and plaster board.

NOTE: This tool is not suitable for driving nails into hard metal or concrete.

Refer to the table below for recommended nails to use:

No	Nail Type	Size	Shank Diameter	Head Diameter	Length
1	Bright Common	4d	0.1"	1/4"	1 1/2-in
2	Bright Finish	6d	0.091"	9/64"	2-in
3	Bright Finish	4d	0.072"	7/64"	1 1/2-in
4	Coated Sinker	4d	0.08"	13/64"	1 3/8-in
5	Electro Galvanized Roofing	4d	0.12"	1/4"	1 1/2-in
6	Hot Tipped Galvanized Finish	10d	0.115"	3/8"	3-in
7	Tempered Hard Trim	6d	0.07"	9/64"	2-in
8	Framing nails	16d	0.1495"	5/16"	3 1/2-in

Recommended Nails to Use

The Auto Hammer is versatile for use with a variety of nails. Nails with a diameter of less than 7/16" (11mm) and a length equal to or less than 3-1/2" (8.9cm) are recommended for use with this Auto Hammer.

MAINTENANCE

Before each use:

- ✓ Inspect the auto hammer, the trigger switch, and the cord for damage.
- ✓ Check for damaged, missing, or worn parts.
- ✓ Check for loose screws, misalignment or binding of moving parts, or any other condition that may affect the operation.
- ✓ If abnormal vibration or noise occurs, turn the auto hammer off immediately, and have the problem corrected before further use. Remove the battery from the tool before cleaning or performing any maintenance. Using compressed air may be the most effective cleaning method. Always wear safety goggles when cleaning tools using compressed air.

WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

WARNING: Always wear safety goggles or safety glasses with side shields during power tool operation or when blowing dust. If operation is dusty, also wear a dust mask.

WARNING: To avoid personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents. Use clean cloths to remove dirt, dust, oil, grease, etc.

WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

BATTERIES:

The battery pack is equipped with Lithium-Ion rechargeable batteries. The duration of use from each charge will depend on the type of work performed.

The batteries in this tool have been designed to provide maximum trouble-free life. Like all batteries, they will eventually wear out. Do not disassemble the battery pack or attempt to replace the batteries. Handling of the batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, read and understand the operator's manual.

- ✓ It is good practice to unplug the Charger/ Adapter and remove the Lithium-Ion battery pack when not in use.

For Lithium-Ion battery pack storage longer than 30 days:

- ✓ Store the Lithium-Ion battery pack where the temperature is below 80°F (26°C) and free of moisture.
- ✓ Store Lithium-Ion battery packs in a 30%-50% charged condition.
- ✓ Every six months of storage, fully charge the Lithium-Ion battery pack.
- ✓ Exterior may be cleaned with a cloth or soft non-metallic brush.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries.

Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.



⚠ WARNING: Upon removal of the battery pack for disposal or recycling, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-Ion batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

TROUBLESHOOTING

Problem	Cause	Solution
The auto hammer does not work	Battery is depleted	Charge the battery
	The machine is too hot after continuous use	Cool down the machine
	Battery is too hot after continuous use	Allow the battery to cool or replace it with a cool battery

⚠ WARNING: Turn the trigger switch to the "OFF" position and remove the battery from the power tool before performing troubleshooting procedures.



12.0 Volt Lithium Ion Auto-Hammer **WARRANTY**

90-DAY MONEY BACK GUARANTEE:

This MASTERFORCE® brand power tool carries our 90-DAY Money Back Guarantee. If you are not completely satisfied with your MASTERFORCE® brand power tool for any reason within ninety (90) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund – no questions asked.

3-YEAR LIMITED WARRANTY:

This MASTERFORCE® brand power tool carries our famous No Hassle 3-Year Limited Warranty to the original purchaser. If, during normal use, this MASTERFORCE® power tool breaks or fails due to a defect in material or workmanship within three (3) years from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, MASTERFORCE® agrees to have the tool or any defective part(s) repaired or replaced with the same or similar MASTERFORCE® product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts –

Please Call Toll Free at: **1-866-917-4374**. (M-F 8am – 6pm)

**SAVE YOUR RECEIPTS
THIS WARRANTY IS VOID WITHOUT THEM**

MASTER★FORCE®

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